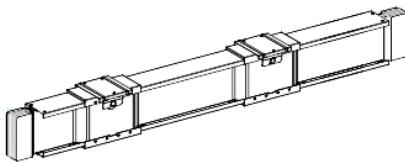


# Product data sheet

## Characteristics

# KTA2000EB340

Straight length, Canalis KTA, aluminium, 2000A, 3L+PE, fixed length 4m, 2 outlets for bolt on tap off unit, RAL9001



### Main

|                                |                                        |
|--------------------------------|----------------------------------------|
| Range                          | Canalis                                |
| Product name                   | KT                                     |
| Product or component type      | Busbar trunking                        |
| Busbar description             | Distribution length                    |
| Device short name              | KTA                                    |
| Tap-off unit compatibility     | Bolt-on tap-off unit from Canalis - KT |
| Device application             | High power distribution                |
| Material                       | Aluminium                              |
| [Ie] rated operational current | 2000 A at 35 °C                        |
| Polarity                       | 3L + PE                                |
| Number of tap-off outlets      | 2                                      |
| Nominal output current         | 400...1250 A                           |
| Earth conductor                | Standard earth                         |
| Short-circuit level            | Standard version                       |
| Length                         | 4000 mm                                |
| Provided equipment             | Jointing unit<br>Trunking unit         |

### Complementary

|                                          |                                                                                                                                                                                                                                                                               |
|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing material                         | Polyester film                                                                                                                                                                                                                                                                |
| Contacts material                        | Copper                                                                                                                                                                                                                                                                        |
| [Ue] rated operational voltage           | 1000 V                                                                                                                                                                                                                                                                        |
| Network frequency                        | 50/60 Hz                                                                                                                                                                                                                                                                      |
| [Ui] rated insulation voltage            | 1000 V                                                                                                                                                                                                                                                                        |
| [Icw] rated short-time withstand current | 110 kA                                                                                                                                                                                                                                                                        |
| [Ipk] rated peak withstand current       | 242 kA                                                                                                                                                                                                                                                                        |
| Electrical connection                    | Bolted connection                                                                                                                                                                                                                                                             |
| Radiated magnetic field                  | 1.3 µT                                                                                                                                                                                                                                                                        |
| Thermal stress limit                     | 4900000 kA <sup>2</sup> .s                                                                                                                                                                                                                                                    |
| THDI                                     | 0...15 % 2000 A<br>15...33 % 2500 A<br>33...100 % 3200 A                                                                                                                                                                                                                      |
| Maximum voltage drop                     | <0.0029 V with power factor = 1 at 50 Hz with 1A for 100 m long<br><0.003 V with power factor = 0.9 at 50 Hz with 1A for 100 m long<br><0.0029 V with power factor = 0.8 at 50 Hz with 1A for 100 m long<br><0.0027 V with power factor = 0.7 at 50 Hz with 1A for 100 m long |
| Mounting mode                            | By hook                                                                                                                                                                                                                                                                       |
| Mounting support                         | Pendant<br>Cantilever arm                                                                                                                                                                                                                                                     |
| Installation direction                   | Horizontal<br>Vertical                                                                                                                                                                                                                                                        |
| Neutral position                         | Right                                                                                                                                                                                                                                                                         |
| Tap-off unit interval                    | 2000 mm                                                                                                                                                                                                                                                                       |
| Standards                                | IEC 61439-1<br>IEC 61439-6                                                                                                                                                                                                                                                    |
| Dimension type                           | Fix                                                                                                                                                                                                                                                                           |

|             |                  |
|-------------|------------------|
| Width       | 140 mm           |
| Height      | 204 mm           |
| Colour      | White (RAL 9001) |
| Net weight  | 88 kg            |
| Linear load | 22 kg/m          |

## Environment

|                         |                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| IP degree of protection | IP55 conforming to IEC 60529                                                                                                        |
| IK degree of protection | IK08 conforming to IEC 62262                                                                                                        |
| Derating factor         | 0...35 °C (100 % of In)<br>35...40 °C (97 % of In)<br>40...45 °C (93 % of In)<br>45...50 °C (90 % of In)<br>50...55 °C (86 % of In) |

## Packing Units

|                              |          |
|------------------------------|----------|
| Unit Type of Package 1       | PCE      |
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 20.4 cm  |
| Package 1 Width              | 14.0 cm  |
| Package 1 Length             | 400.0 cm |
| Package 1 Weight             | 92.0 kg  |